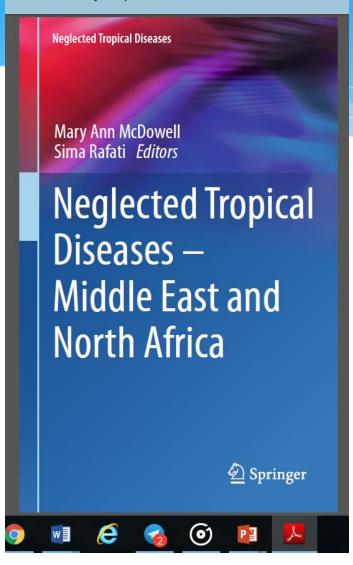


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Fasciolosis in the MENA Region

Mohammad Bagher Rokni, Wael M. Lotfy, Kayhan Ashrafi, and K. Darwin Murrell

Contents

Background	6
The MENA Region	
Methodology	6
General Features of Fasciola and Fasciolosis	
Economic Impact of Fasciolosis	6
Epidemiology	6
Sources of Infection	6
Control and Preventive Measures	6
Major Features of Human and Animal Fasciolosis in Different MENA Countries	6
Iran	
Egypt	7
Other MENA Countries	7
Algeria	7
Iraq	7











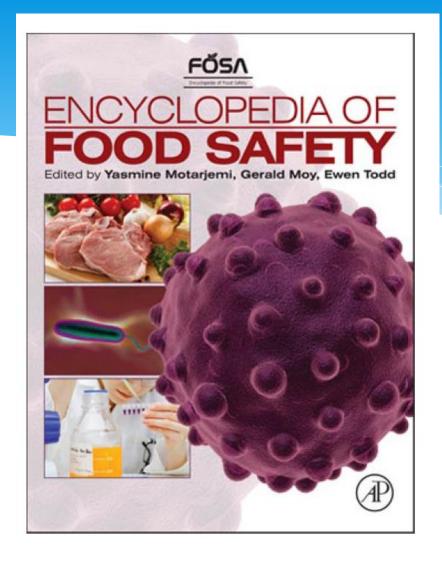












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HELMINTH-TREMATODE

Fasciola hepatica and Fasciola gigantica

MB Rokni, Tehran University of Medical Sciences, Tehran, Iran

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Glossary

Contamination The introduction or occurrence of a contaminant in the food or food environment.

Control measure Any action and activity that can be used to prevent or eliminate a food safety hazard or reduce it to an acceptable level.

Food Any substance, whether processed, semi-processed, or raw, which is intended for human consumption, including drink, chewing gum, and any substance which has been used in the manufacture, preparation, or treatment of 'food'; it does not including cosmetics, tobacco, or

substances used only as drugs. (In the context of this topic-level contribution, drinking water is food).

Foodborne disease Any disease of an infectious or toxin nature caused by or thought to be caused by consumption of food or water.

Food safety Assurance that food will not cause harm to the consumer when it is prepared or eaten according to its intended use.

Risk A function of the probability of an adverse health effect and the severity of that effect, consequential to hazard(s) in food.





















Fasciola hepatica Liver Fluke



نام بیماری:فاسیولوزیز Fasciolosis ؛دیستومیازیز

Distomiasis ؛ آلودگی فلوک کبدی Distomiasis

میزبان نهایی: زئونوز، مشترک بین انسان □ دام، خوک،
 گراز، اسب، الاغ

♦ ميزبان واسط: حلزون ليمنه ترونكاتولا Lymnaea
truncatula

محل زندگی

- * مجاری صفراوی کبد
 - * كيسه صفرا
- * موارد اکتوپیک: تیروئید، طحال، پوست، پانکراس،

CUTANEOUS FASCIOLIASIS: A CASE REPORT IN VIETNAM



FIGURE 1. Cutaneous migratory track in the patient.

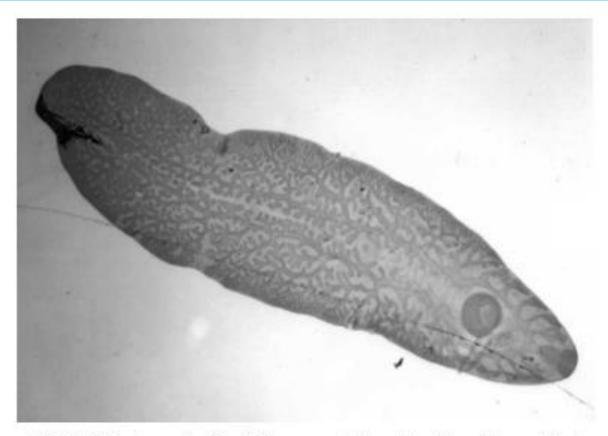


FIGURE 2. Juvenile Fasciola removed from the skin of the patient and stained with acid carmine.

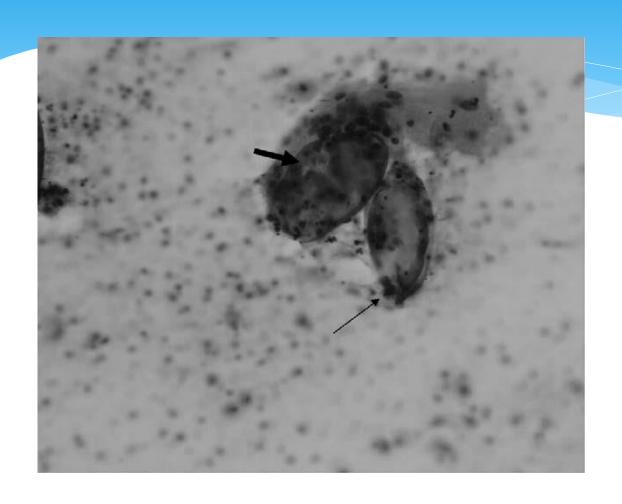
Picture of The Month

Fasciola hepatica in the left eye of a 6 year old boy from Tashkent, Uzbekistan, causing monocular blindness (Photograph by Dr Rogers Neil) (Dec 2009)

You can watch the previous posts of Picture of the month in the Pictures parts of the website at the upperside of the left column.

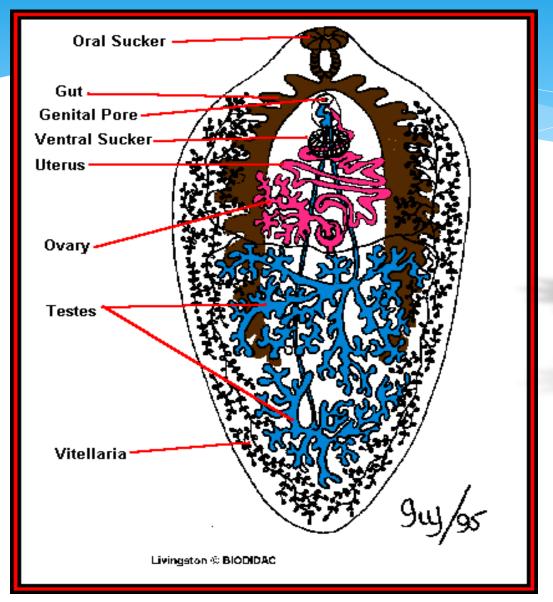


Fasciolosis of the breast in a male patient



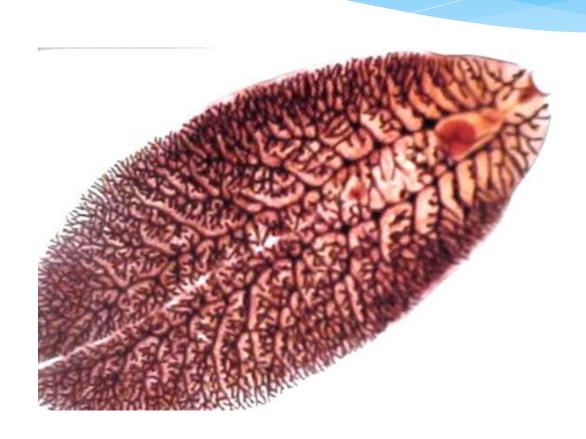
Fine needle aspiration cytology of the mass showing the ova (thin arrow) of the Fasciola spp.

مورفولورى فاسيولا هياتيكا



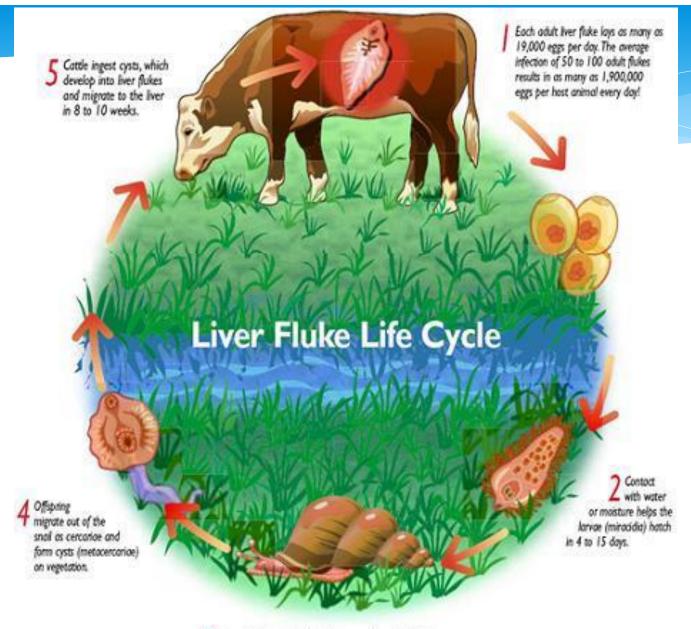


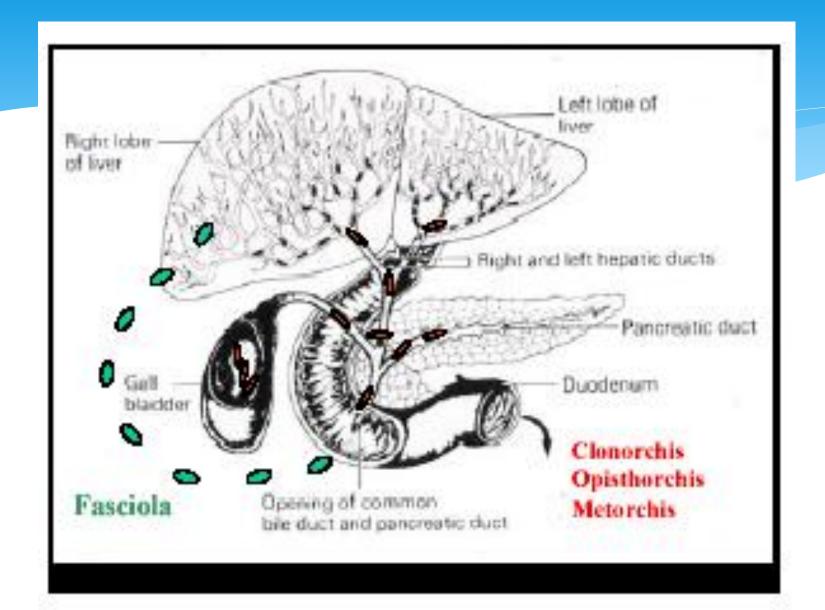
Fascioloides magna adult





evolution cycle))





منبع آلودگی

سبزیجات
 آب

3. جويدن گياهان مخدر

4. نوشیدنی های گیاهی





- الله فاسيولا روزانه 19000 تخم مي گذارد.
- * تخم مي تواند تا يكسال زنده باقي بماند ودر شرايط خوب 4 تا 15 روز ميراسيديوم خارج مي گردد.
- * تخم از طریق مجاری صفر اوی وارد کیسه صفر ا می گردد و از آنجا به مدفوع و چون تخلیه کیسه صفر ا متناوب است نبود تخم انگل در مدفوع نمی تواند دلیل بر عدم ابتلا به فاسیولا باشد
 - * حلزون يا تخم را مي خورد يا ميراسيديوم وارد بدنش مي گردد..

* کشتارگاه بندرانزلی نقش اصلی را در آلودگی ایفا میکند با پراکندن تخم در خروجی تصفیه خانه + استفاده از پودر حاصل از لجن باقیمانده در تصفیه خانه به عنوان کود+ استفاده از مدفوع دام های موجود در کشتارگاه بعنوان کود

URBAN

FASCIOLIASIS









Fasciola gigantica



Fasciola gigantica

مِزبان نهایی: انسان - دام

* میزبان واسط: حلزون لیمنه ژدروزیا نا

* انتقال با خوردن گیاهان آبزی آلوده به متاسرکر